

INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2004/052125

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G06F1/00 G07F7/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G06F G06G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>WO 01/61502 A (SILVERBROOK RESEARCH PTY. LTD; SILVERBROOK, KIA; WALMSLEY, SIMON, ROBE) 23 August 2001 (2001-08-23) abstract</p> <p>page 7, line 28 - page 8, line 18 page 19, line 25 - line 38 page 24, line 33 - page 25, line 35 page 27, line 12 - page 28, line 13 page 51, line 37 - page 52, line 21 page 70, line 1 - page 71, line 18 page 87, line 26 - line 39 page 92, line 9 - line 18 figures 10,11,13</p> <p style="text-align: center;">----- -/--</p>	1-6,8-11

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

25 February 2005

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10/03/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 03/042799 A (INTERNATIONAL BUSINESS MACHINES CORPORATION; BAENTSCH, MICHAEL; BUHLER) 22 May 2003 (2003-05-22) abstract page 2, line 26 - page 5, line 8 page 13, line 19 - page 14, line 6 page 17, line 15 - page 18, line 3 figure 1	1,3-6, 8-11
X	EP 0 427 465 A (AMERICAN TELEPHONE AND TELEGRAPH COMPANY; AT&T CORP) 15 May 1991 (1991-05-15) abstract column 5, line 51 - column 6, line 53 column 11, line 1 - line 31 column 15, line 20 - line 47 figures 1,5	1,3,6, 8-11
A	US 2002/124178 A1 (KOCHER PAUL C ET AL) 5 September 2002 (2002-09-05) abstract page 1, paragraph 5 - paragraph 8 page 2, paragraph 19 page 3, paragraph 32 - paragraph 33 page 4, paragraph 39 figure 2	1-11

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IB2004/052125

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0161502	A	23-08-2001	US 6757832 B1	29-06-2004
			WO 0161502 A1	23-08-2001
			AU 3144201 A	27-08-2001
			CA 2400222 A1	23-08-2001
			EP 1272935 A1	08-01-2003
			US 2003198082 A1	23-10-2003
WO 03042799	A	22-05-2003	CA 2465333 A1	22-05-2003
			EP 1449045 A2	25-08-2004
			WO 03042799 A2	22-05-2003
			US 2003093684 A1	15-05-2003
EP 0427465	A	15-05-1991	US 5120939 A	09-06-1992
			CA 2023872 A1	10-05-1991
			DE 69016589 D1	16-03-1995
			DE 69016589 T2	07-09-1995
			EP 0427465 A2	15-05-1991
			JP 1921556 C	07-04-1995
			JP 3158955 A	08-07-1991
			JP 6052518 B	06-07-1994
US 2002124178	A1	05-09-2002	US 6327661 B1	04-12-2001
			US 2001053220 A1	20-12-2001
			US 6278783 B1	21-08-2001
			US 2001002486 A1	31-05-2001
			US 6304658 B1	16-10-2001
			US 2003028771 A1	06-02-2003
			AU 5203899 A	20-12-1999
			EP 1084543 A1	21-03-2001
			WO 9963696 A1	09-12-1999
			AU 6381699 A	10-01-2000
			CA 2333095 A1	29-12-1999
			EP 1090480 A2	11-04-2001
			JP 2002519722 T	02-07-2002
			WO 9967919 A2	29-12-1999
			AU 2557399 A	26-07-1999
			CA 2316227 A1	15-07-1999
			EP 1050133 A1	08-11-2000
			WO 9935782 A1	15-07-1999